

Weekly Construction Report

Hatchery Creek Design/Build Project



Week:	August 18 – August 23, 2014	Project No:	1305
Rain Days/Weather Conditions:	Rained Monday, Tuesday, and Wednesday.		
Personnel on-site:	<i>EcoGro/Ridgewater:</i> John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, John Linder, Chad Relinski, Brad Redmon, Russ Turpin <i>Stantec:</i> Mike Sendelbach (Monday – Wednesday)		
Equipment on-site:	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27, Bobcat T300		
Material deliveries to project site:	<ul style="list-style-type: none"> N/A 		
Work performed this week:	<ul style="list-style-type: none"> Screened rock (6"+) from Corps disposal area. Surveyed/staked out baselines Sta. 207+00 to 242+24 & 541+04 to 550+00. Had to clear heavy vegetation with saws in order to use total station. GPS survey equipment would not function in the woods. Once some of the trees were cleared, we surveyed the topography of the tie-in to the Cumberland River below elevation 550' because it was not provided in the original survey. Don Getty, with the Corps, scheduled a zero flow event from the dam for ten hours so we could survey the lower elevations. We found that the step pool profile will need to be adjusted upstream based on the existing topography. Started clearing trees from Sta. 108+00 to 117+000 for floodplain berm. Removed (cut) invasive species (mostly autumn olive) within PPC from ~Sta. 149+00 to 158+00. Conducted percolation tests in pits in sandy area (Station 144+00 to 146+00) to see if stream flow would drain out of channel. Started building braid channel from 150+00 to 152+00. 		
Erosion & sediment controls installed:	❖ N/A.		
Work scheduled for next week:	<ul style="list-style-type: none"> ✂ Redesign step pool profile due to new survey data at tie-in to Cumberland River. ✂ Continue excavating/building channel from Sta. 146+50 and working downstream. ✂ Continue removing (cutting) invasive species. 		
Work planned for two weeks ahead:	<ul style="list-style-type: none"> ✂ Continue channel construction from 146+00 to 155+00. ✂ Continue invasives removal (cutting). ✂ Start delivering boulders for step pools. 		
General Comments:	<ul style="list-style-type: none"> ➤ We have spent several days clearing vegetation in order to survey/stake out the project because the GPS survey equipment cannot work in most places due to the heavy tree canopy. ➤ Corps excavation sites are completely cleared of trees and ready for Corps contractor to begin excavation. 		
Prepared by: Eric Dawalt, P.E.	Date: 8-24-14		

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Pictures from this week's construction:



Surveying topography of Cumberland River tie-in during period of zero dam flow release. Second picture is same location during dam power generation later that day.



Percolation Test Pit in sandy soil area.



Installing log grade control across two channel braids.